

## 23.8" LCD Open touch industrial monitor

The GreenTouch's LCD Open touch industrial monitor is a touch solution developed for automated information systems, gaming and entertainment, as well as light industrial automation controls, making GreenTouch's touchmonitor product line even more complete. The touch monitor is based on the concept "Design for simple and convenience", with proven GreenTouch expertise and reliability. Precise small frame design will be completely sealed touch screen, so that it has dust-proof, dirt-proof and water-proof function, and make it easier for customers to install in the cabinet. Designed and built by GreenTouch, the model has a long life cycle Period and can supply long-term demands. Even if the future replacement of a new generation of LCD panels, you do not need to do external changes.

The models adopted the industry-leading GreenTouch projected capacitive touch technology. This model has a global standard of agency certification with GreenTouch warranty and overall after-sale service. The LCD open frame touch monitor is a cost-effective touch solution for system integrators and value-added resellers (VARs).

### Features

- Optional touch technologies include: PCAP
- Compact and easy to integrate with mounting from sides or top and bottom; also a VESA mount option
- Worldwide agency approvals
- One year standard warranty

### About GreenTouch

Shenzhen GreenTouch Technology Co., Ltd. is a professional manufacturer of product. Our company specializes in R&D, manufacture and marketing of high-grade touch screen and value-added touch machine. Our company has our own brand—Green-Touch and provides customers with touch products including SAW touch screen, IR touch screen, four-wire touch screen, five-wire touch screen, various touch screen monitors and touch all in one PC TV. GreenTouch has automatic production lines and the sealed dust-free workshops and has been certified to ISO9001 Quality Management System. The products are inspected in strict accordance with the quality management system. Quality management becomes an essential part of operation. Our products have been certified to CE, FCC, ROHS. The objective of GreenTouch is to become the most reliable supplier of touch screen, high value-added and special touch products and touch solutions in the world.

### Applications

- Information Kiosk
- Game and Entertainment
- Industrial Automation
- Self-checking service



### Specifications

Case/ frame color	Black
Display type	23.8" diagonal 16:9 Active matrix TFT LCD, LED backlight
Active Area Dimensions	527.04mm(H) x 296.46mm(V)
The display size	W:582.6mm x H:354.9mm x D:47 mm
Resolution(pixel)	1920 x 1080 @ 60Hz
Display Colors	16.7M
Brightness (Standard)	250 cd/m <sup>2</sup>
Response time (standard)	14ms
View Angle(from center)	Horizontal (left / right):89/89° ,Vertical (up / down):89/89°
Contrast ratio (standard)	1000:1
Input video formats	Analog VGA and digital DVI (optional HDMI , DP)
Input Video Signal	Female head DE - 15 connector, female head DVI - D, Dual - Link connector, female head HDMI connector
Sweep frequency	31.5--60.2KHz; vertical: 56.3--75KHz
Touch Technology	projected capacitive Touch chip: weida , eeti , ilitek Touch points: 1-10 Touch supply voltage: 5V Touch interface: USB Touch support system: Windows, Android, linux
Power	External DC, input voltage DC: 12V; INPUT POWeR CONNECTOR SPECIFICATIONS (for all in one PC) - Type: DC cartridge receptacle; Cartridge ID: 5.5 mm(± 0.3 mm); Needle OD: 2.0 mm (+0.0 -0.1 mm); Cartridge depth: 8.0 mm (± 0.3 mm); Power connector (on power adapter) - Type: DC cartridge Plug; Cartridge OD: 5.5 mm (± 0.1mm); Needle Inner Diameter: 2.1 mm (± 0.1 mm); Cartridge Length: 9.5 mm (± 0.5 mm)
Power consumption (standard)	24w
Temperature	Operating: 0°C--50°C; Storage: -20°C-- 60°C
Humidity	Operating: 20% to 80% (no condensation); Storage: 10% to 90% (non-condensing)
MTBF	50,000 hours
Weight (approx.)	Net weight:6.3kg;Shipping:7.4kg (reference)
Warranty	1 year
OSD	Digital OSD
User Controls	OSD Button: Menu, Up, Down, Select, Power; OSD: Contrast, Brightness, Horizontal / Vertical Bits Clock, phase, call default, language (English, German, Spanish, Japanese, French); OSD Fail / Active: Power, OSD menu
OSD Remote Accessories	Optional controls (front): Menu, Up, Down, Select, Power
Mounting options	100mm or 75mm VESA mounting, open bracket mounting
Water and dust protection/Explosion-proof	IP65(front)/IK06(front)
Surface treatment	AG AR AF (Optional)
Agency Approvals	FCC, CE, CB, China RoHS CQC



### Ordering Information

Model	Part Number	Touch Technology	Display Ports	Interface	Surface Treatment	Availability
GT-TM2383E	GT-TM2383E-F	W-series PCAP	VGA,DVI,HDMI	USB	Clear	Worldwide
	GT-TM2383E-A	W-series PCAP	VGA,HDMI,DP	USB	Clear	Worldwide

To find out more about our extensive range of GreenTouch touch solutions, go to [www.greentouch.com.cn](http://www.greentouch.com.cn), or [ifo@greentouch.com.cn](mailto:ifo@greentouch.com.cn)

Service call: +86-755-29370883/29371519

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